

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

AIR TRANSPORTABILITY GUIDANCE

M151 1/4-TON TRUCK AND M100 1/4-TON TRAILER IN CH-17 HELICOPTER

Headquarters, Department of the Army, Washington, D.C.
21 February 1966

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1. Purpose and Scope

a. This manual provides transportability guidance for movement of the M151 1/4-ton truck and the M100 1/4-ton trailer (also referred to as "item") in the CH-47 helicopter. The text prescribes procedures, materials, and manpower to prepare, load, tie down, and unload the item.

b. Users of this manual are encouraged to submit recommended changes or comments to improve the document. Comments should be keyed to the specific page, paragraph, and line of the text in which a change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be forwarded direct to Commanding Officer, U.S. Army Transportation Engineering Agency, ATTN: TCTEA-TG, Fort Eustis, Va., 23604.

2. Applicability

a. These instructions apply when the item is located and tied down as shown in the loading diagram and tiedown data table. A transported unit can, with the consent of the helicopter commander, add additional cargo within allowable load limits and restrictions prescribed by pertinent safety regulations (app.).

b. For operational reasons, or to accommodate additional cargo, the helicopter commander may designate a location other than that shown in the

loading diagram. If the item is relocated, the helicopter commander must insure that-

- (1) The number and load capacity of the tie-down devices are as prescribed in this manual.
- (2) The tiedown devices restraining the item are secured to tiedown fittings of at least the same strength and in the same location relative to the item as those fittings used in the loading diagram.

Warning: Transport of the M151 1/4-ton truck and M100 1/4-ton trailer in the CH-47 helicopter is prohibited if the item is not loaded and tied down in accordance with the instructions in this manual.

3. Responsibilities

Commanders of the transported and transporting units are responsible for the following:

a. Transported Unit.

- (1) Preparing unit equipment for air transport, with supervision and assistance as required from appropriate field support units.
- (2) Loading, tying down, and unloading unit equipment transported aboard the helicopter, subject to approval by the helicopter commander or his authorized representative. Such approval is to insure